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Vegetable Crops Genetic Resources and Improvements



VEGETABLE CROPS

Genetic Resources and Improvement

Editors

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Vegetable Crops Genetic Resources and Improvements

Plant genetic resources comprising of reservoir of gene and gene complex are basic raw materials for genetic improvement of any crop including vegetables.

The book entitled “Vegetable Crops: Genetic Resources and Improvement” is a compilation of information generated through research work of many scientists in India and abroad from reputed institutes like, IIHR, IARI, GBUAT, TNAU, IIVR, CCSHAU, PAU, MPUAT, CSKKVV, BCKV etc..

The book contains introductory chapter on various aspects of collection, characterization, conservation and utilization of germplasm in genetic improvement of different vegetable crops highlighting the importance of genetic resource management and their achievement in India. Application of different biotechnological tools and techniques like, tissue culture, molecular markers and bioinformatics in conservation and utilization of plant genetic resources have been included. The issues related to biosafety regulations and IPR have also been discussed.

Genetic improvement of different vegetable crops through utilization of genetic resources have been dealt in chapters covering all important vegetables including underutilized vegetables, seed spices and edible mushrooms.

This book is very helpful to the teachers, scientists, students and personals involved in PGR management, who wish to update the knowledge on recent technological advances in genetic resource management and improvement of vegetable crops.

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